

FIG. 1

Name	Mobile Phone Number	E-mail Address	PC IP Address	IRC Server Name, Channel Name, Nickname	Screensaver Status	PC-in-Operation Status	Phone Number of Current Whereabouts
User A	020-111-1111						
User B	020-222-2222		111.111.111.111				
User C	020-444-4444	taro	444.444.444.444				
User D	020-333-3333		222.222.222.222	irc.co.jp #CA yama		ON	111-111-1111
User E	020-444-4444		333.333.333.333		ON		123-456-7890

Fig. 2



Display mode

OUT

User A

User B

User C

User D

User E

HOME

User F

User B

Destination

Phone number

Memo

6/20	○○○○
6/21	××××
6/22	△△△△

FIG. 4

Send Message

Send to: User B

Message: Send Result Notification ☐

Give me a Call

Send Cancel

*FIG. 5*

FIG. 6

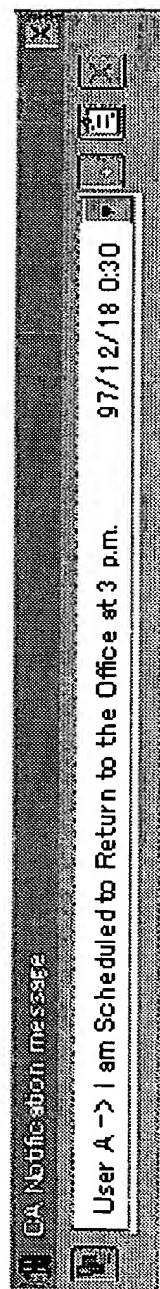


FIG. 6

Already Read	1997/12/15 User B	About Tomorrow's Meeting
To be Read	1997/12/17 Text Message Center	From User B
<p>Dear User A</p> <p>Arrangement of Tomorrow's Meeting is Held at the Following Place. Punctuality is Demanded.</p> <p>Please Prepare Ten Copies of the Document</p>		

FIG. 7

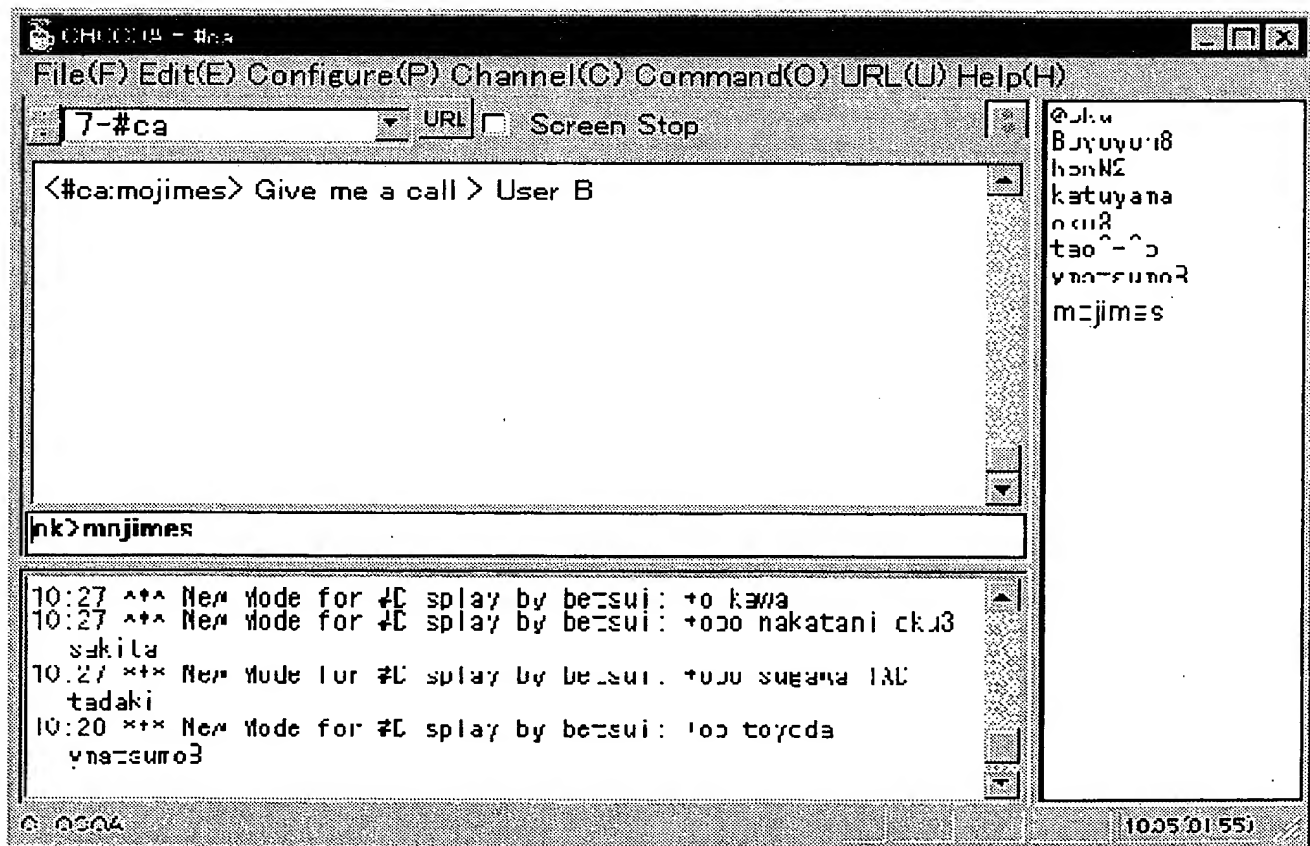
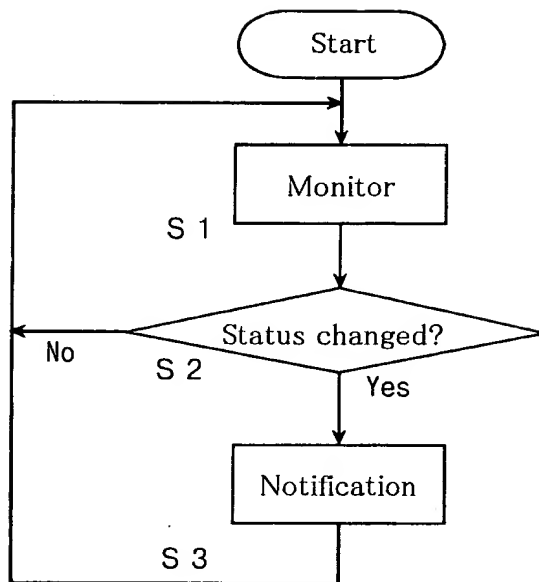
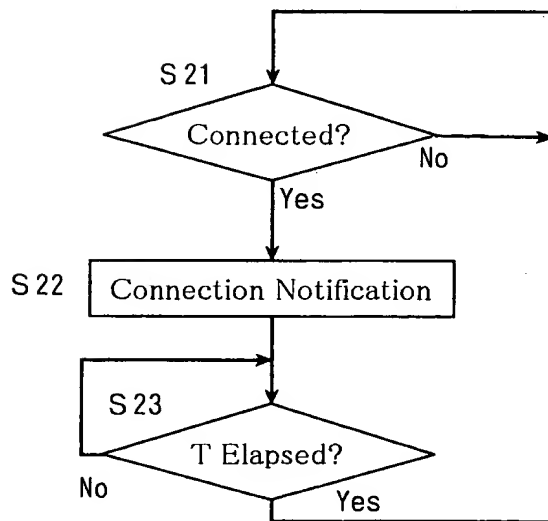


FIG. 8

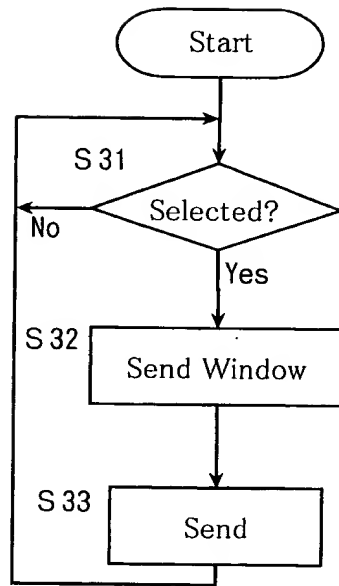


**FIG. 9**



**FIG. 10**





**FIG. 11**

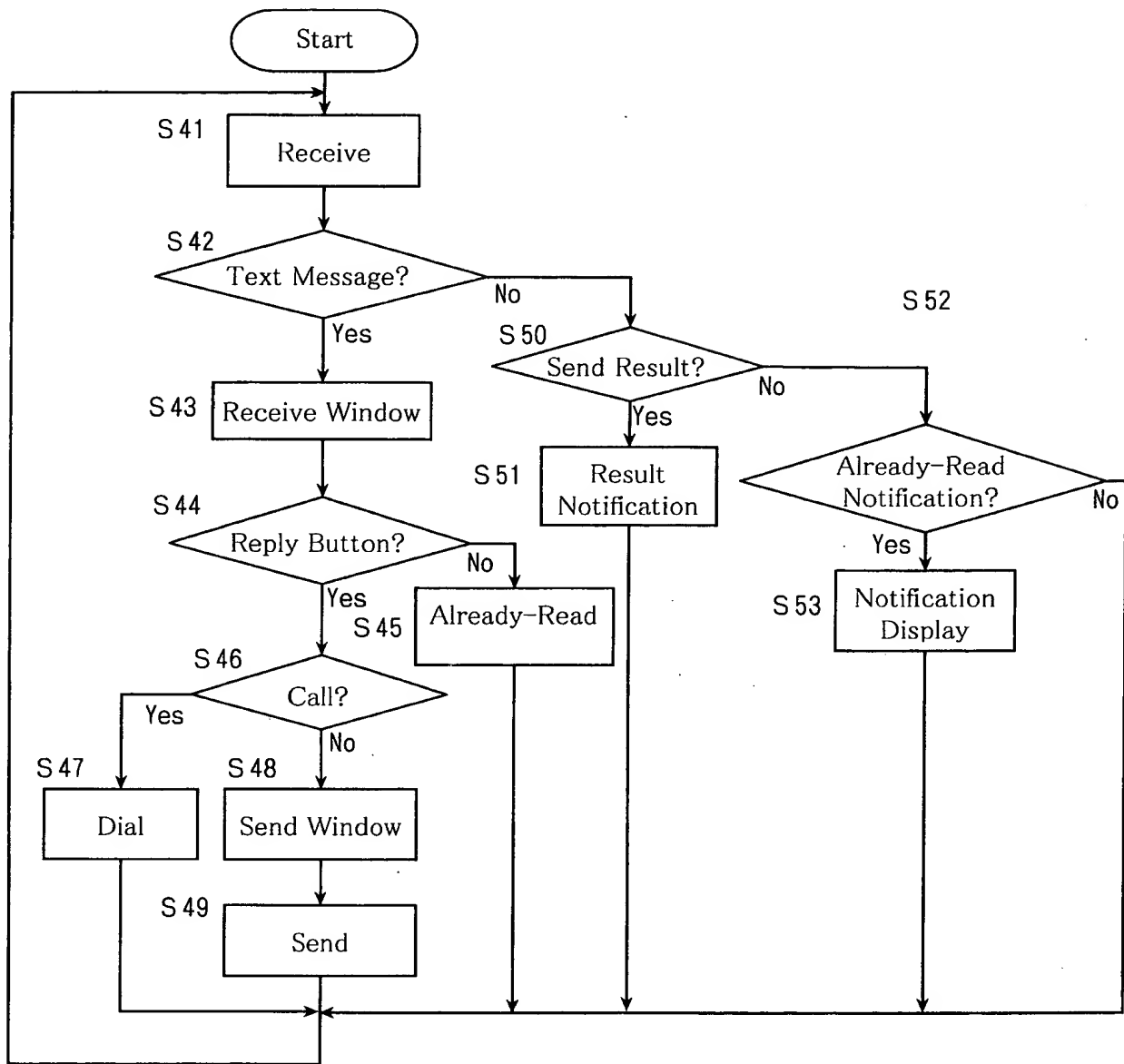


FIG. 12

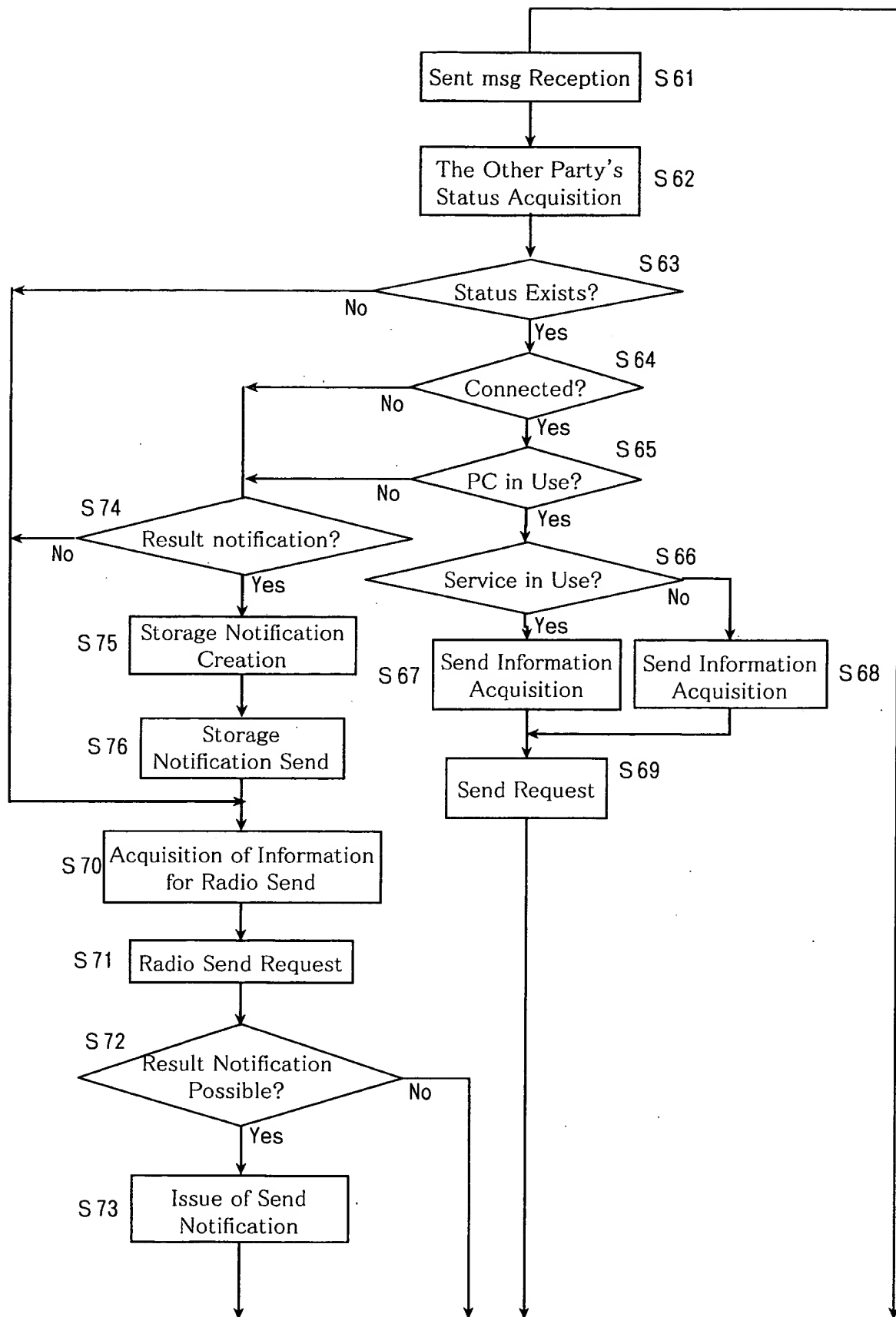
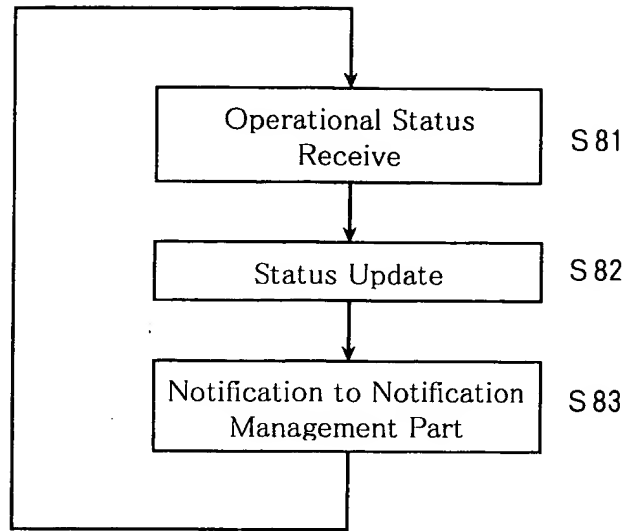
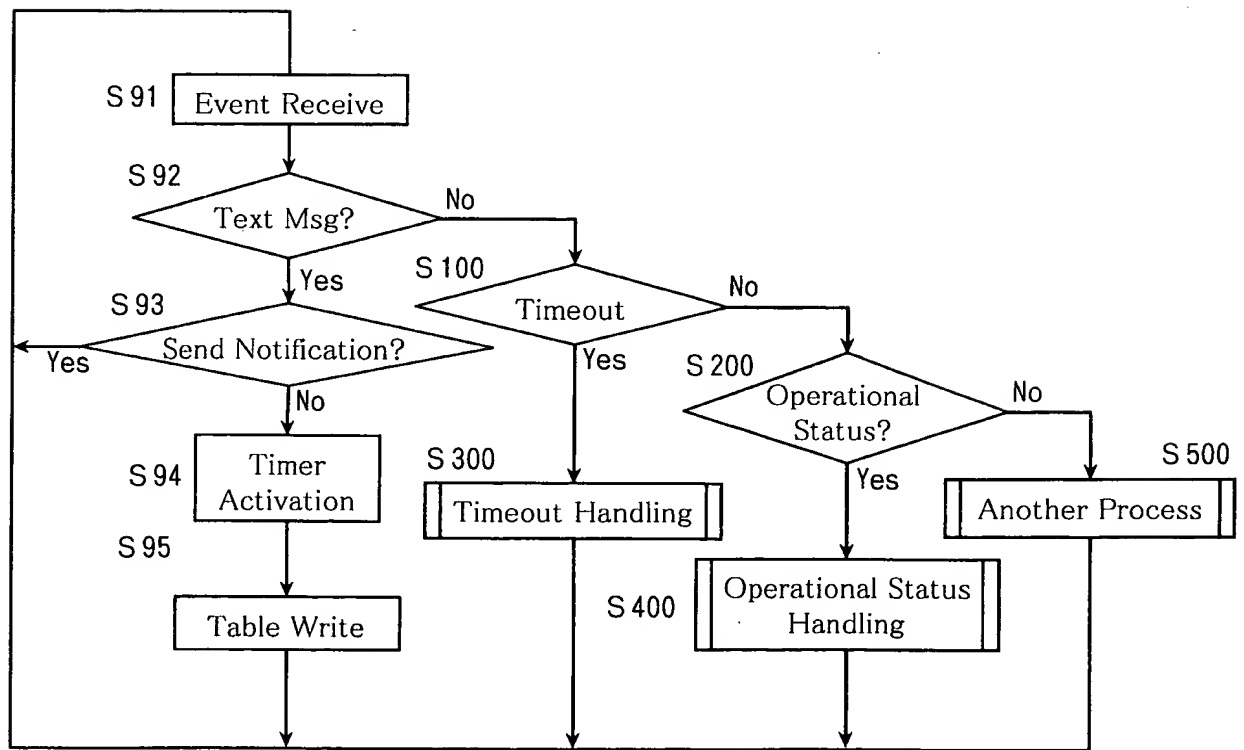


FIG. 13



**FIG. 14**



**FIG. 15**

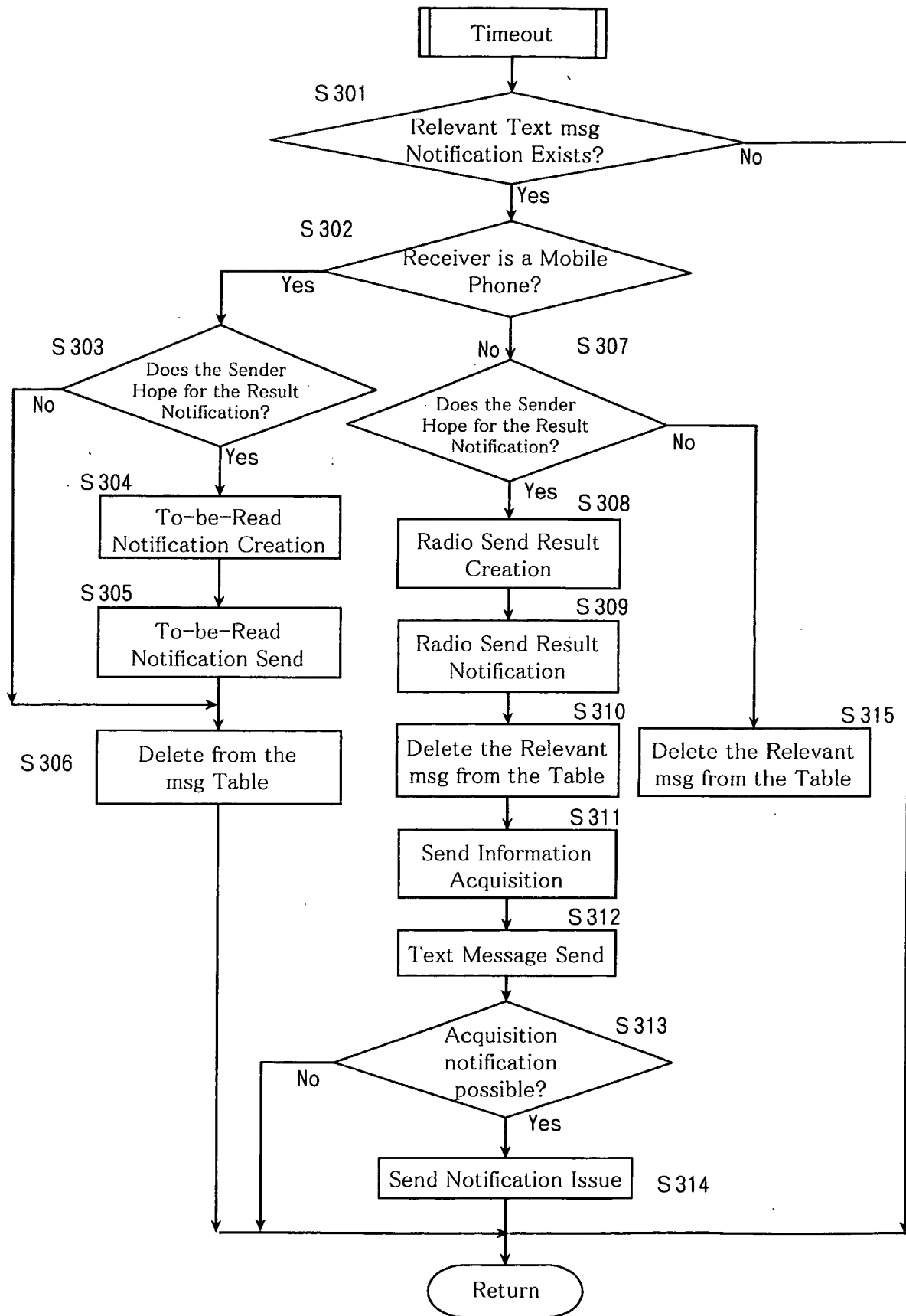
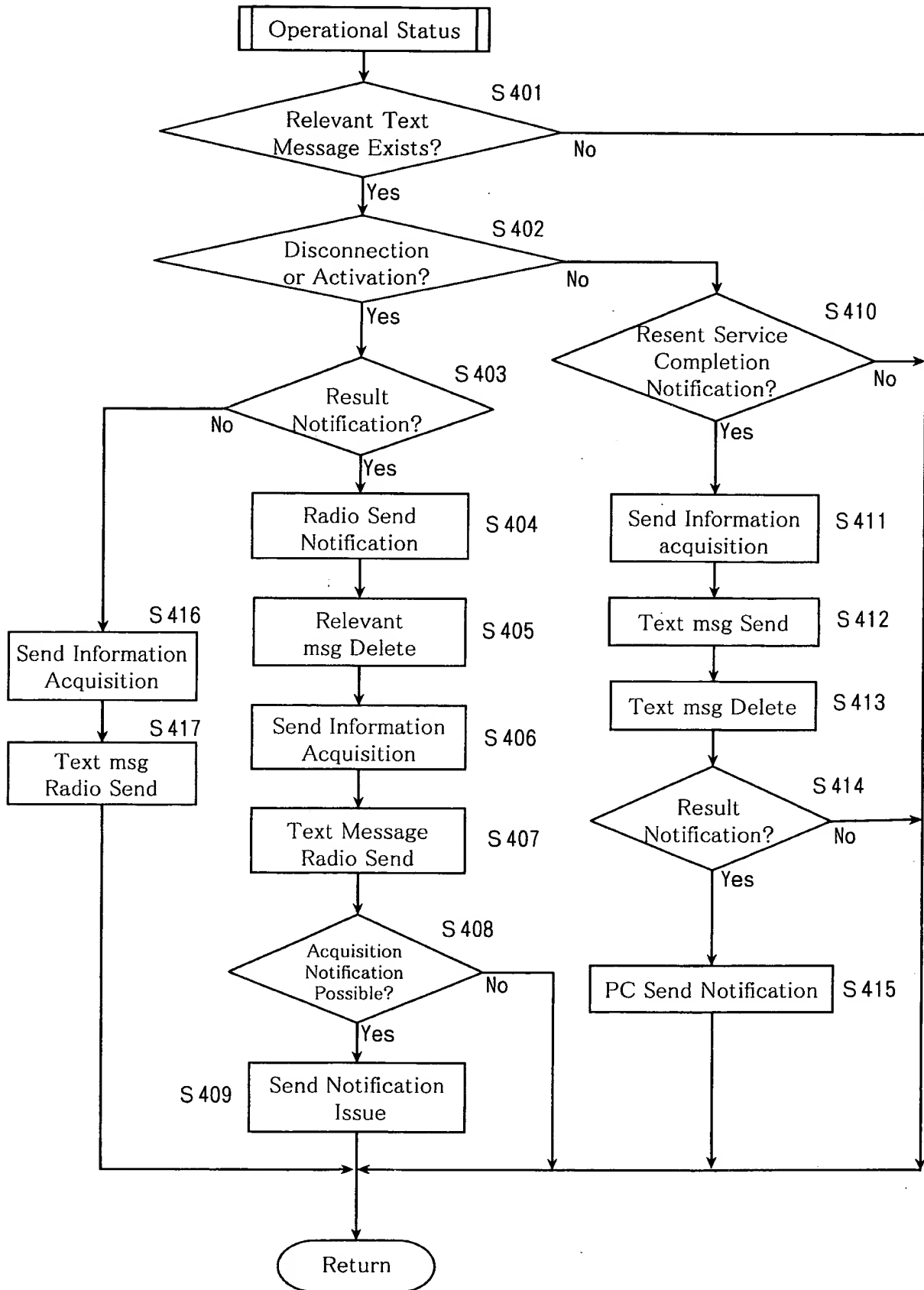
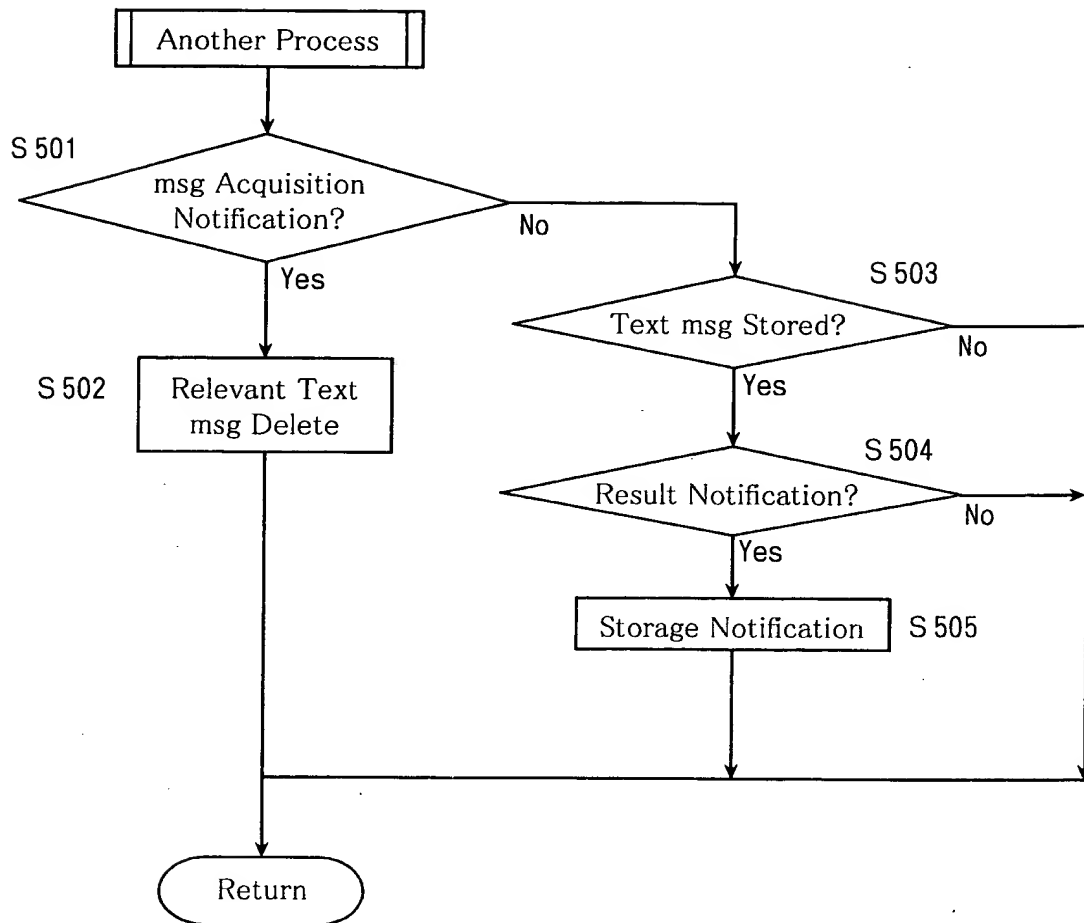


FIG. 16

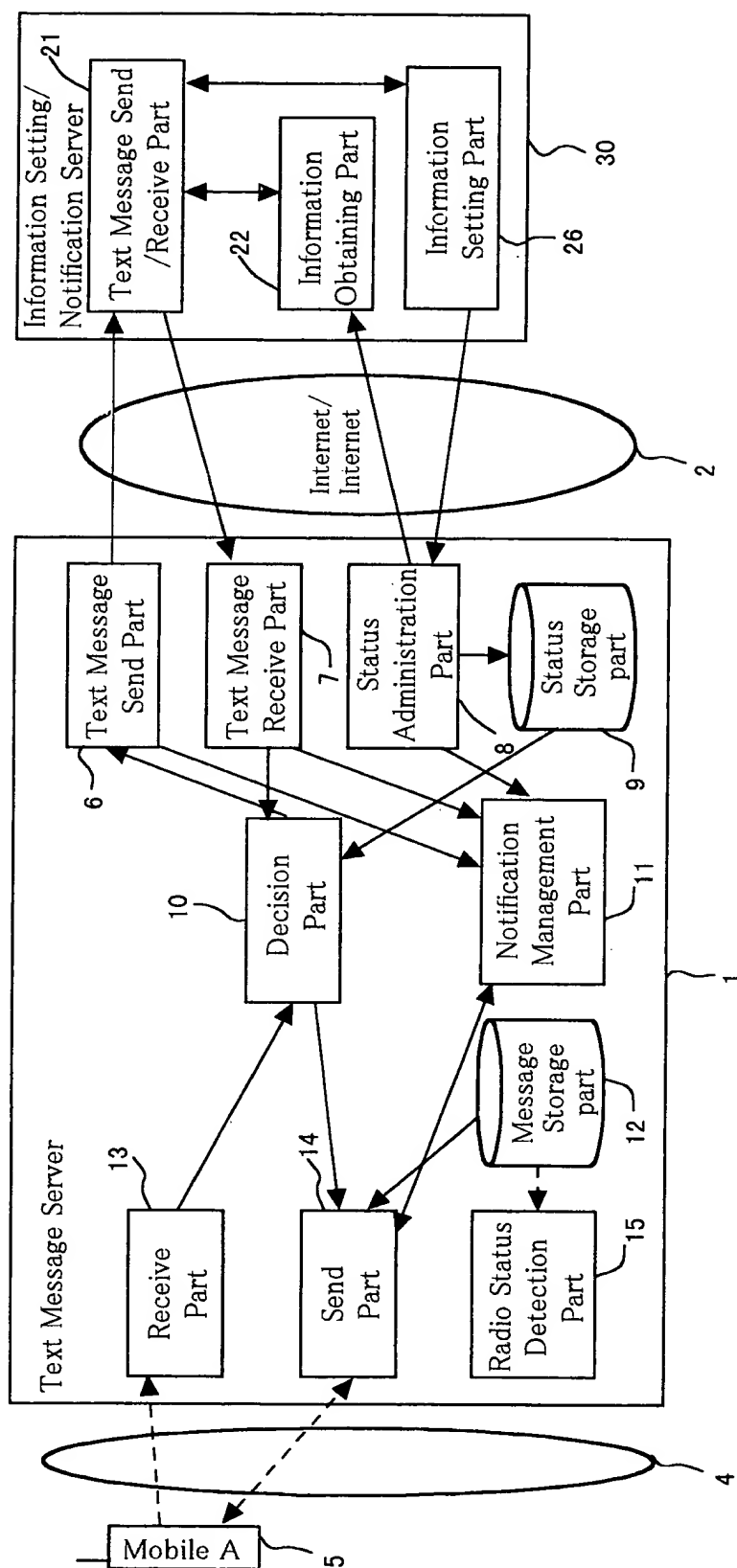


**FIG. 17**



**FIG. 18**

$\{f_{\alpha\beta}^{(1)}\}$  and  $\{f_{\alpha\beta}^{(2)}\}$  are the first and second order correlation functions, respectively, and  $\{f_{\alpha\beta}^{(3)}\}$  is the third order correlation function. The first order correlation function is defined by
 
$$f_{\alpha\beta}^{(1)} = \langle f_{\alpha\beta} \rangle - \langle f_{\alpha} \rangle \langle f_{\beta} \rangle$$
 and the second order correlation function is defined by
 
$$f_{\alpha\beta}^{(2)} = \langle f_{\alpha\beta}^2 \rangle - \langle f_{\alpha} \rangle \langle f_{\beta} \rangle - \langle f_{\alpha} f_{\beta} \rangle$$
 and the third order correlation function is defined by
 
$$f_{\alpha\beta}^{(3)} = \langle f_{\alpha\beta}^3 \rangle - \langle f_{\alpha} \rangle \langle f_{\beta} \rangle - \langle f_{\alpha} f_{\beta} \rangle - \langle f_{\alpha}^2 f_{\beta} \rangle - \langle f_{\alpha} f_{\beta}^2 \rangle$$
 where  $\langle f_{\alpha} \rangle$ ,  $\langle f_{\beta} \rangle$ ,  $\langle f_{\alpha} f_{\beta} \rangle$ ,  $\langle f_{\alpha}^2 f_{\beta} \rangle$ , and  $\langle f_{\alpha} f_{\beta}^2 \rangle$  are the first, second, third, fourth, and fifth order correlation functions, respectively. The first order correlation function is the average of the product of the two functions, and the second order correlation function is the average of the product of the two functions squared, minus the product of the averages. The third order correlation function is the average of the product of the two functions cubed, minus the product of the averages, minus the product of the first order correlation function and the second order correlation function, and minus the product of the first order correlation function and the second order correlation function.



**FIG. 19**



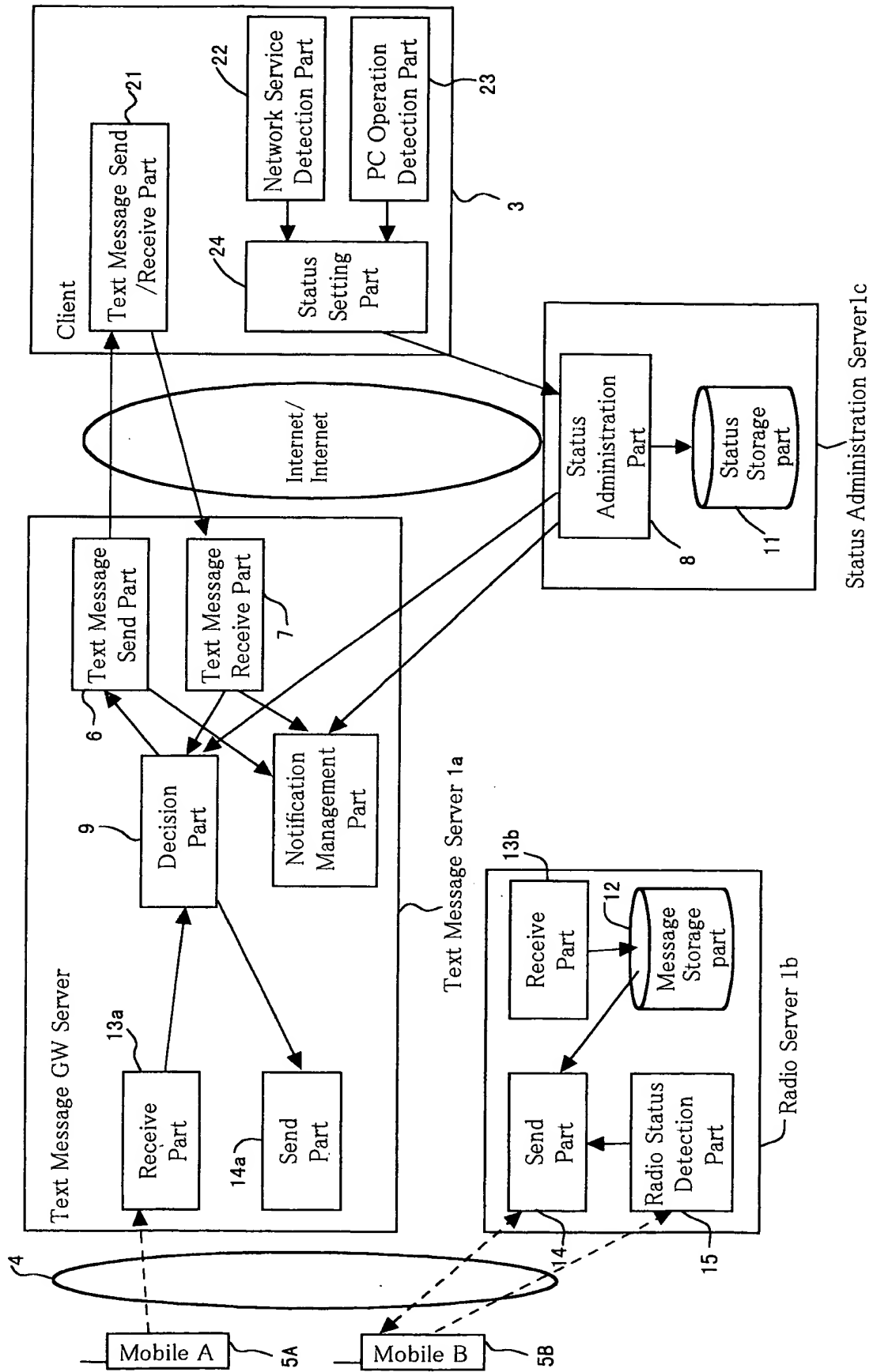


FIG. 20

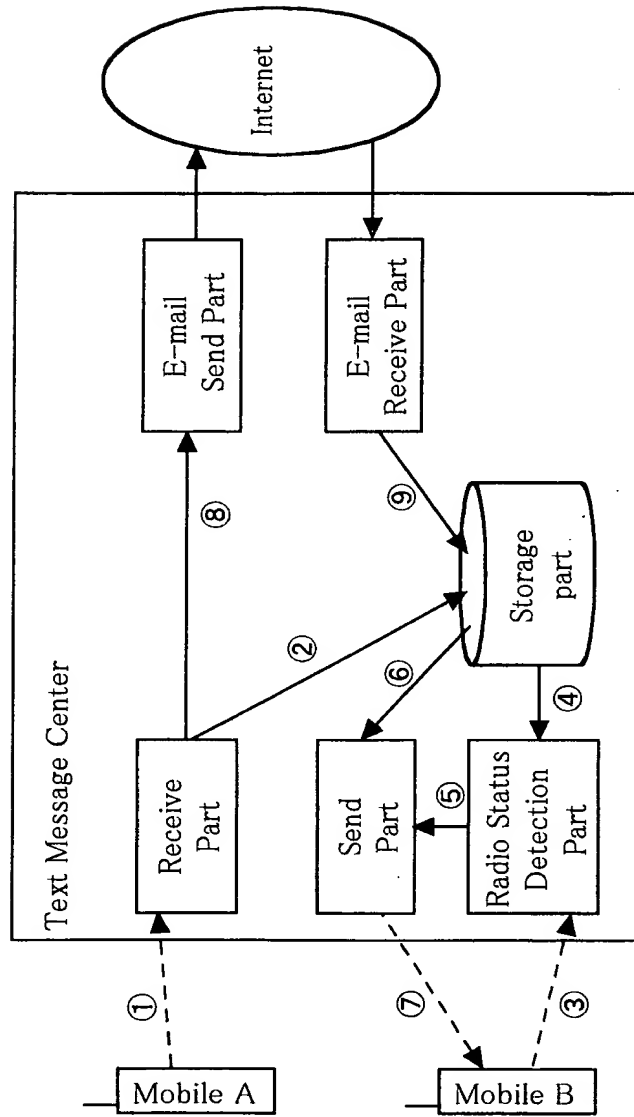


FIG. 21